

Patent
Attorney Docket: 491,920-029
(prev 263/103)

AMENDMENTS TO THE CLAIMS:

1. (currently amended) ~~A~~ An implantable sheet for implantation in a body comprising:
a an implantable sheet of ePTFE having a first surface and a second surface,
the first surface being non-textured, and
the second surface being textured, the second surface having:
a plurality of continuous, parallel channels extending into the
thickness dimension of the sheet and
a plurality of ridges disposed between the channels.
2. (Cancelled)
6. 3. (Previously amended) The sheet of claim 1 wherein the ridges and channels of the
second surface form nested geometric structures.
4. (Previously amended) The sheet of claim 3 wherein the nested geometric structures
comprise nested hexcels.
- 5-12. (Cancelled)
13. (Previously amended) An implantable sheet comprising:
a an implantable sheet of flexible ePTFE having first and second surfaces,
the first surface being less-textured than the second surface,
the second surface being textured and having:
a plurality of elongated, continuous channels extending into the
thickness dimension of the sheet and
a plurality of continuous ridges disposed between the channels.

Patent
Attorney Docket: 491,920-029
(prev 263/103)

14. (Cancelled)

15-93. (Cancelled)

94. (Currently amended) The sheet of claim 1 wherein ~~the ridges and troughs on the second side of the sheet have a plurality of regions of varying heights, the tallest regions defining a first plane, and the troughs defining a second plane, where the second plane is non-coplanar with the first plane~~ each channel has a cross-sectional dimension of varying width.

95. (Previously amended) The sheet of claim 1 wherein the second surface comprises a pattern of ridges and troughs.

96. (Previously amended) The sheet of claim 95 wherein the pattern is periodic.

97. (Previously amended) The sheet of claim 95 wherein the pattern is repetitive.

98. (Previously amended) The sheet of claim 95 wherein the pattern is uniform.

99. (Previously amended) The sheet of claim 95 wherein the surface includes a plurality of hexcells.

100. (Cancelled)

101. (Previously amended) The sheet of claim 95 wherein the pattern includes geometric patterns.

102. (Previously amended) The sheet of claim 101 wherein the geometric pattern includes squares.

103. (Previously amended) The sheet of claim 101 wherein the geometric pattern includes circular patterns.

104. (Previously amended) The sheet of claim 1 wherein the lateral widths and heights of the ridges differ.

Patent
Attorney Docket: 491,920-029
(prev 263/103)

105. (Previously amended) The sheet of claim 1 wherein the lateral width of the ridge regions is less than the width of the trough regions.

106-109 (Cancelled) .

110. (Currently amended) The sheet of claim 1 comprising wherein the sheet-like material is a laminated structure.

111. (Cancelled)

112. (Previously amended) The sheet of claim 1 wherein the plane of the ridge regions is substantially parallel to the plane of the trough regions.

113. (Previously amended) The sheet of claim 1 wherein the second surface is arranged to stimulate high tissue ingrowth.

114. (Previously amended) The sheet of claim 1 wherein the second surface is arranged to disorganize scar tissue.

115-121. (Cancelled)

122. (Previously amended) The sheet of claim 95 wherein the pattern includes a plurality of parallel wells.

123-157 (Cancelled).

158 (new). The sheet of claim 1 wherein the channels and ridges are straight.

159 (new). The sheet of claim 13 wherein the channels and ridges are straight.

160 (new). The sheet of claim 1 wherein the first surface is substantially planar.

161 (new). The sheet of claim 13 wherein the first surface is substantially planar.